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ART 34 AND 35

CLAIMS

1. Powdered disinfectant based on active oxygen and containing a peracetic acid-generating system consisting of a peroxide and an acylating agent together with nonionic surfactants.

2. Disinfectant as claimed in claim 1, characterized in that the above-mentioned nonionic surfactants are free from alkoxylated alkyl phenols and comprise linear or 2-methyl-branched ether alcohols corresponding to the formula



where the alkyl and alkenyl radicals R are made up as follows:

C_8 = 0 to 5 % by weight;

C_{9-10} = 75 to 90 % by weight;

C_{11-12} = 5 to 15 % by weight;

C_{13-14} = 4 to 10 % by weight;

C_{15-16} = 0 to 3 % by weight.

3. Disinfectant as claimed in claim 1 or 2, characterized in that the above-mentioned peroxide is selected from the group consisting of sodium perborate monohydrate, sodium perborate tetrahydrate, sodium percarbonate and mixtures thereof.

4. Disinfectant as claimed in one or more of claims 1 to 3, characterized in that the above-mentioned acylating agent is selected from the group consisting of tetraacetylglycoluril, tetraacetylenediamine, diacetylhexahydrotriazinedione and mixtures thereof.

5. Disinfectant as claimed in one or more of claims 1 to 4, characterized in that it contains

10 to 70 % by weight, preferably 15 to 60 % by weight of the above-mentioned peroxide,

10 to 40 % by weight, preferably 15 to 30 % by weight of the above-

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ART 64 AMST

mentioned acylating agent,

0.1 to 10 % by weight, preferably 0.5 to 5 % by weight, of the above-mentioned nonionic surfactant and

to 100 % by weight of soluble inorganic salt and optionally further auxiliaries.

5

6. Use of the disinfectants claimed in any one of claims 1 to 5 for surface disinfection.

7. Use of the disinfectants claimed in any one of claims 1 to 5 for instrument disinfection.

10 8. Use of the disinfectants claimed in any one of claims 1 to 5 for destroying gram-positive bacteria.

9. Use of the disinfectants claimed in any one of claims 1 to 5 for destroying mycobacteria.

15 10. Use of the disinfectants claimed in any one of claims 1 to 5 for destroying viruses.